Contents Volume 129, February 1990

XINGZHI JI (Shanghai, China)
The Pseudosymmetric Tridiagonalization of an Arbitrary Real Matrix 1

RONALD L. SMITH (Chattanooga, Tennessee)
Bounds on the Spectrum of Nonnegative Matrices and Certain Z-Matrices 13

SUI-SUN CHENG, TZON-TZER LU, AND SHU-HEI WU (Hsinchu, Taiwan, Republic of China)
Regular Starlike Domains of Tridiagonal Matrices 29

WILLIAM F. TRENCH (San Antonio, Texas)
A Note on a Toeplitz Inversion Formula 55

F. DELEBECQUE (Le Chesnay, France)
On the Resolvent Approach to the Spectral Decomposition of a Regular Matrix Pencil 63

ALAIN LASCOUX (Paris, France)
Inversion des Matrices de Hankel 77

LUDWIG ELSNER (Bielefeld, West Germany), DANIEL HERSHKOWITZ, AND ALLAN PINCUS (Haifa, Israel)
Functional Inequalities for Spectral Radii of Nonnegative Matrices 103

ACHIYA DAX (Jerusalem, Israel)
A Note on the Convergence of Linear Stationary Iterative Processes 131

JOHN J. BUONI (Youngstown, Ohio)
A Stable Method for the Incomplete Factorization of *H*-matrices 143

SÖNKE HANSEN (Paderborn, Federal Republic of Germany)
An Algorithm for Lagrangian Subspaces 155

AUTHOR INDEX 177